



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/426,135	10/25/1999	NORIHISA HANEDA	0905-0225P	1465

7590

06/08/2004

BIRCH STEWART KOLASCH BIRCH LLP  
P O BOX 747  
FALLS CHURCH, VA 220400747

EXAMINER

RAHIMI, IRAJ A

ART UNIT	PAPER NUMBER
----------	--------------

2622

DATE MAILED: 06/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/426,135

Applicant(s)

HANEDA, NORIHISA

Examiner

(Iraj) Alan Rahimi

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 22 April 2004.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 3,4,7 and 8 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 3,4,7 and 8 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 29 October 1999 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☒ Certified copies of the priority documents have been received in Application No. 08/696,062.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Response to Amendment***

1. In papers filed on April 22, 2004, applicant amended claims 3 and 4 in order to make the claim language clearer and also to remove the 112 rejection for claim 3. The 112 rejection is withdrawn.

***Response to Arguments***

2. Applicant's arguments with respect to claims 3 and 7 have been considered but are moot in view of the new ground(s) of rejection. This action is Non-Final.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 3, 4, 7 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Timmermans (US patent 5,633,726) in view of Photoshop 5 by Adobe.

Regarding claim 3, Timmermans discloses a reproduction apparatus comprising:

Reading unit 6 for reading digital image data from a recording medium 184 (column 20, lines 43-51).

Art Unit: 2622

a display 8 for displaying an image which represents the digital image data that have been read (column 6, lines 14-19); and

However, Timmermans does not disclose digital image data and data representing the size of an effective image have been stored in mutually correlated form and aspect altering means responsive to an entered aspect alteration command for rewriting the data representing the size of the effective image, which data have been recorded on the recording medium, by new data representing an instructed size for the effective image. Photoshop 5 discloses in page 633 that by entering the desired height, width of the image will change automatically based on the aspect ratio. The original image including its size is already stored on a media (such as hard disk or floppy diskette) and is altered by the user to different sizes. Photoshop displays the image size using the Image Size option on the tool bar. The new image with the new size can be displayed and saved as well on the media and correlated to the original image by using very similar file name (e.g. image1 and image2). Timmermans and Photoshop are analogous art because they are from the same field of endeavor that is image processing for printing. Therefore, it would have been obvious to a person skilled in the art, at the time of invention to use the image size alteration of Photoshop 5 to obtain varying image resolution (resolution is reduced as image size gets bigger).

Regarding claim 4, Timmermans discloses an apparatus according to claim 3, wherein said display means displays an image having an aspect ratio decided based upon the data representing the size of the effective image (Figures 26-29).

Art Unit: 2622

Regarding claim 7, arguments analogous to those presented for claim 3, are applicable.


Regarding claim 8, arguments analogous to those presented for claim 3 and 4, are applicable.


***Contact Information***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to (Iraj) Alan Rahimi whose telephone number is 703-306-3473. The examiner can normally be reached on Mon.-Fri. 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L Coles can be reached on 703-305-4712. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3800.

  
Alan Rahimi  
May 27, 2004

  
EDWARD COLES  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600